

CLAIMS

What is claimed is:

1. A method of email administration comprising the steps of:

receiving through a transcoding gateway an email message, wherein

5 the email message comprises at least one digital object having a digital object type;

the transcoding gateway is coupled to one or more display devices, and

10 the transcoding gateway comprises, for each display device, a display device record comprising display format attributes of each display device, wherein the display format attributes include a display format type for each display device;

15 finding a display device record for a destination display device, wherein the destination display device comprises a display device having a display format type that is the same as the digital object type;

20 transcoding the digital object in dependence upon the display format attributes of the destination display device; and

displaying the transcoded digital object on the destination display device.

2. The method of claim 1 wherein the transcoding gateway comprises an email client, a web browser, and an HTTP server.
3. The method of claim 1 wherein the client device comprises a display device and a microcomputer, wherein the microcomputer further comprises the transcoding gateway, an email client, a web browser, and an HTTP server, wherein the transcoding gateway, the email client, the web browser, and the
5 HTTP server are coupled for data communications.
4. The method of claim 1 wherein displaying the transcoded digital object on the destination display device further comprises writing the transcoded digital object to display memory.
5. The method of claim 1 wherein displaying the transcoded digital object on the destination display device further comprises sending the transcoded digital object to a browser.

6. A system for email administration comprising:

means for receiving through a transcoding gateway an email message, wherein

- 5 the email message comprises at least one digital object having a digital object type;

the transcoding gateway is coupled to one or more display devices, and

- 10 the transcoding gateway comprises, for each display device, a display device record comprising display format attributes of each display device, wherein the display format attributes include a display format type for each display device;

- 15 means for finding a display device record for a destination display device, wherein the destination display device comprises a display device having a display format type that is the same as the digital object type;

- 20 means for transcoding the digital object in dependence upon the display format attributes of the destination display device; and

means for displaying the transcoded digital object on the destination display device.

7. The system of claim 6 wherein the transcoding gateway comprises an email client, a web browser, and an HTTP server.

8. The system of claim 6 wherein the client device comprises a display device and a microcomputer, wherein the microcomputer further comprises the transcoding gateway, an email client, a web browser, and an HTTP server, wherein the transcoding gateway, the email client, the web browser, and the HTTP server are coupled for data communications.
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9. The system of claim 6 wherein means for displaying the transcoded digital object on the destination display device further comprises means for writing the transcoded digital object to display memory.
10. The method of claim 6 wherein means for displaying the transcoded digital object on the destination display device further comprises means for sending the transcoded digital object to a browser.

11. A computer program product for email administration comprising:

a recording medium;

5 means, recorded on the recording medium, for receiving through a transcoding gateway an email message, wherein

the email message comprises at least one digital object having a digital object type;

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the transcoding gateway is coupled to one or more display devices, and

the transcoding gateway comprises, for each display device, a display device record comprising display format attributes of each display device, wherein the display format attributes include a display format type for each display device;

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means, recorded on the recording medium, for finding a display device record for a destination display device, wherein the destination display device comprises a display device having a display format type that is the same as the digital object type;

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means, recorded on the recording medium, for transcoding the digital object in dependence upon the display format attributes of the destination display device; and

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means, recorded on the recording medium, for displaying the transcoded digital object on the destination display device.

12. The system of claim 11 wherein the transcoding gateway comprises an email client, a web browser, and an HTTP server.
13. The system of claim 11 wherein the client device comprises a display device and a microcomputer, wherein the microcomputer further comprises the transcoding gateway, an email client, a web browser, and an HTTP server, wherein the transcoding gateway, the email client, the web browser, and the HTTP server are coupled for data communications.
14. The system of claim 11 wherein means for displaying the transcoded digital object on the destination display device further comprises means, recorded on the recording medium, for writing the transcoded digital object to display memory.
15. The method of claim 11 wherein means for displaying the transcoded digital object on the destination display device further comprises means, recorded on the recording medium, for sending the transcoded digital object to a browser.